### By WALTER SHIELDS.

This season will see more touring by vasa strips or any of the other expediance of motorists than any entering that are resorted to in this connection. Another thing old desert travellers will tell you is that canned tomatoes are better than water for quenching the thirst. This latter is a valuable tip. the thirst. This latter is a valuable tip.

The passengers are now taken care of and it behoves us to consider the unfortunate car that is to do the work. The number of spares and the character of the extra equipment to be carried will depend altogether on the country to be carried to another more stimulating to happiress. There are many thousands of new motorists, and many of the old who need advice on the equipment needed on a tour, especially touring which includes in its itinerary over night grops in the open instead of in a hotel, pefore a word is said about equipment the tourist should go pretty deeply into the thirst. This latter is a valuable tip.

The passengers are now taken care on the consider the unfortunate car that is to do the work. The number of spares and the character of the extra equipment to be carried will depend altogether on the country to be traversed. Of course an emergency stock of gasolene and oil will have to be carried. These may be kept in the original cans and placed on the tunning board. Water should be carried to do the work. The number of spares and the character of the extra equipment to be carried altogether on the country to be traversed. Of course an emergency stock of gasolene and oil will have to be carried. These are many because of the extra equipment and placed on the tunning to the extra equipment to be carried to another more stimulating to the extra equipment altogether on the country to be traversed. Of course an emergency stock of gasolene and oil will have to be carried. These are may be kept in the original cans and placed on the tunning board. Water should be carried to another more stimulating to depend altogether on the character of the extra equipment to be carried. The number of spares and the character of the extra equipment to be carried altogether on the country to be traversed. Of course an emergency stock of gasolene and oil will have to be carried. These are many be kept in the original cans and placed on the tunning board. Water should be carried. T the tourist should go pretty deeply into

the tourist should go pretty deeply into a consideration of routes, it has been suggested that off main road travelling will be beneficial to the tourist in many ways. But chiefly because it will show him country he never has seen before. Keeping off the main roads will also remove the monotony of a journey, and at the same time will eave these roads open to free intercity traffic, which is increasing at an enor-

Of course the wise motorist, before MOTOR CARS SPEED THE WAR. he embarks in the car for a protracted trip, will give the vehicle a careful inspection to see that all essential mespection to see that all essential mechanical parts are in perfect working order. Supposing all such inspections to have been made and the obvious repairs to have been carried out, the motorist is ready to think about what equipment he will need on the road.

Now this question of equipment will saxon Motor Company of New York. Now this question of equipment will differ according to the type of tourist. The man who intends to stop every night at hotels, to eat all meals at restaurants en route, will need little beside his trunks and a reasonable amount of the inevitable emergency equipment, which in turn will be governed largely that the nation—are practically all motorized it is appreciable at once that the ment of the inevitable emergency equipment, and the fact that the men behind the motorized it is appreciable at once that the ment of the inevitable emergency equipment. of the inevitable emergency equipment, which in turn will be governed largely by the nature of the trip ahead.

On the other hand, the motorist who could be considered in the war. The motor car means more appeal and more efficiency in business. It means a big help to the industries in the war, applying the men in the

which in turn will be governed largely by the nature of the trip ahead.

On the other hand, the motorist who purposes cutting loose from civilization and making his car suffice for all his needs during the journey, will need a considerable cargo. This cargo may easily become topheavy, so that some expert advice as to what to take, and more important atill what to leave behind, may not come amiss, aspecially to the may not come amiss, especially to the excomer in the field of long distance The first consideration for the man

for some days or weeks is the question of siceping accommodations, and this problem has been provided for in a great many different ways. In cases where the car is of the demountable top value. which becomes a sort of Pullman. This makes a very convenient and comfortable method of meeting the problem, as the tourists are always assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured of a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainproof lodging place and immunity from creamly assured or a rainpro the tourists are always assured of a rainproof lodging place and immunity four creeping things. Where the car TRecent despatches from Germany indicate that in this one branch of military efficiency the carefully planned improvisation of a sleeping apartment.

German scheme has fallen down. There are not enough motor cars in Germany. However, there are patent beds offered for use with the conventional open car, and I believe that they are very comfortable, though I have never slept in there will be a slowness in the Hun

does not strike the fancy the obvious solution is a tent. There are now on the market many special automobile the motor car at our command. But teuts, so made as to roll up in very small compass, take up little room on the running board and weigh almost nothing. Many of these tents are arranged for rapid pitching, solving what is a tough problem for the man unused to camping. With the tent there may be carried folding cots, sleeping bags the carried tolding cole, steeping bags or inflated mattrenses. These latter are blown up with a few strokes of the tire rump and they give a couch as luxurious as can be found anywhere. The present day types of folding cots are very ingenious, taking up little room when packed, and affording a comfortable resting place when extended. Sleep-ing hazs will not be used except when the trip is made early or late in the seathe trip is made early or late in the sea-son or in far northern latitudes, when their warmth will prove very grateful-incidentally do not think that because the start is made on a broiling hot Au-rust day you can get along without blankets. Take more blankets than you think you will need. The "spares" will come in handy when you are fairly on your way.

With the sleeping arrangements taken

eare of, the next thought naturally will be for the culinary department. Riding in the open air engenders appetites of the kind you thought had vanished with shood; be ready to cater to them.
The sporting goods manufacturers will out year automobile kitchen with a of pots and pans and all that go them so ingeniously constructed the whole set will pack up into a enall keg weighing a few pounds and cupying only a small section of the running board. A stove may be had hat folds up when not in use into a make por iron plates, and yet when it up and in action anything from teak to biscuits may be cooked thereon. trak to biscults may be cooked thereonis a good plan to carry along a spirit
store of the sort using dry fuel against
the wet night when no wood is available
for the regular stove. There are other
woves on the market burning gasolene,
serosene, alcohol or acetylene gas, and
each type has its own merits. At any
late one of them should be carried along.
With the kitchen department attended
to the next thing is the dining room
equipment. Here, too, manufacturers
have been happily busy. Luncheon sets
of tatying magnificence may be had at
the sporting goods houses or accessory. the sporting goods houses or accessory lableware, plates, cups, saucers, &c. these have many advantages. These less may be had in special cases made to fit in some nook of the car where they will be out of the way and yet readily accessible when wanted. It is possible to get a folding table and stools, the second of the second of

o that the al fresco meal may be eaten in comfort as well as haste.

Toilet necessities must be carried—lowels, soap, toothbrushes, &c., and the fothing to be taken will be governed by the nature of the trip. Many motories of experience have adopted the exhedient of baying trunks allowed abad The nature of the trip, Many motorists of experience have adopted the experience have adopted the exhibition of chaving trunks shipped ahead of them by express, so that they may replenish their personal wear en route and yet avoid loading the car with that dead weight of trunks and garments.

In the matter of food the length of the trip and the country to be traversed will govern. If the tourists are going through thickly settled New England, techning need be carried but such standard articles as salt, pepper, sugar, matches, all in glass fars, butter enough for a day and perhaps smergency rations for one or two meals. The day to day supplies, mast, vegetables, &c. has helter picked up along the route, as they are fresher than if carried on the car, even though an icebox is fitted. On the other hand for the transcontinental trip or a trip through sparsely settled regions, it will be necessary to carry a substantial supply of food on the car at all times. For desert iravel this tourist will find a roll of ordinary chicken wire a great help in negotiating the heavy and. Placed under the wheels, the wire gives better traction than car-

### Daring Dario.



role to the utmost every man who reserve fuel tank, pick, shovel, rope, could help to speed up his work by jack, sponge, bucket, cleaning material using a motor car must buy one."

and all other articles which are not an Using a motor car must buy one."

Dario Resta, sensational Italian world's champion 1916-1916, who will start in the Harkness Handicap at the Sheepshead Bry track on Decoration Day, after a year's absence from the track.

and all other articles which are not as integral part of the vehicle.

After being equipped and individually inspected the lorries are formed into groups of columns, a travelling kitchen and a workshop attached to each unit. An officers' touring car, and in some cases a motorcycle also, is allotted

"And the best part of it is that the army in the field and its adjacent units sharp tools and perhaps greasy rage, or other greasy articles, all of which are deadly enemies to rubber.

Exposure to strong light and varying degrees of temperature is also injurious degrees of temperature is also injurious. can be equipped with motor equip-ment without sacrificing the industrial needs for automobiles. Unlike England and France, we have not been forced to turn over our private motor cars and trucks to the Government. We are able this year not only to supply the

LIBERTY BOOSTED BONDS.

boxes and placed in the tube bags al-

Car Was Given Away to Lucky Pa-

Rainbow Division of the Automobile and car. He hadn't been in his new position Allied Trades to the biggest bond buyer a week before he wrote to C. B. Rice. should be very thankful that we have in several theatres on the last two the motor car at our command. But nights of the drive was instrumental poration, that a customers car had none of us wants to overlook the fact in raising \$800,000 in subscriptions. See that his "night rear fender was smashed" Riverside Theatre and was won "To make the automobile play its Kreeger Bros., 373 Fourth avenue.

## MOTOR WAR SERVICE TIRE ECONOMY IS A WONDERFUL THING IMPORTANT FACTOR

An Observer in France Tells of | Careful Treatment Will Insure the Remarkable Efficient Long Life and Save You Equipment. Money.

It is reasonable to suppose, says an observer in France, that a motor well as an economical one," says Wilvehicle just received from the factory liam H. Stewart, Jr., president of the vehicle just received from the factory is in the beat mechanical condition and in all respects fit for immediate service. It is not in accordance with the military system, however, to send either lorries or touring care direct from the factory to the front. Most of the allied armies prefer to attend to the detail equipment of their motor whicles themselves rather than to leave this matter in the hands of the firm baving built the chassis and the body. The nature of this factory system was because his tire mileage way beyond the manufacturer's guarantee. rather than to leave this matter in the hands of the firm having built the chassis and the body. The nature of this detail equipment varies with the armies. In some cases the manufacture of the constituting a vehicle capable of running, but not in a condition to sand to the front on active service.

When this is done a special branch of the motor transport service is en-trusted with the task of completely equipping the lorries, this equipment comprising the lamps and lamp brackets, tools, spare parts, spare tires.

GIVE TIRE TUBES SOME CARE.

Don't Overlook an Important Part

One of Equipment.

One of the experts of the Michelin

One of the experts of the Michelin

One of the experts of the Michelin

The Comment of the Michelin

One of the experts of the Mi

One of the experts of the Michelin Tire Company says that the average motorist has learned by experience to take proper care of the mechanism of his car, but he too oftens neglects his tires. Ordinary care accorded spare casings and tubes is good insurance and will save the motoriat both cash and trouble, and a few suggestions, therefore, benefit of the reader.

For example, never carry spare tubes unprotected in the tool box—they are almost certain to come in contact with sharp tools and perhaps greasy rage, or sharp tools and perhaps great increase to the same to do this work vast numbers of motor vehicles have to a gathered together in a central open air parks of them contain more than a thousand in various atages of preparation. The sight of thems huge open air parks and in various atages of preparation. The sight of thems huge open air parks of the contain more than a thousand in various atages of preparation. The sight of thems huge open air parks of the contain more than a thousand in various atages of preparation. The sight of thems huge open air parks of the contain more than a thousand in various atages of preparation. The sight of thems huge open air parks of the contain more than a thousand in various atages of preparation. The sight of thems huge open air parks of the contain more than a thousand in various atages of preparation. The sight of thems huge open air parks of great interest to the motorist the lories. degrees of temperature is also injurious to rubber, robbing it of its elasticity and making it brittle. Always carry spare tubes in the waterproof cloth bags supplied by all accessory dealers for this needs of the fighting forces, but also to produce an adequate supply of automobile for our needs at home.

While the motor car is of paramount importance at the front it is equally necessary here. Daily we find more and nore businesses are being motorized For the automobile is a definite means to the end—which is speeding up and cramming more work into the twenty are to be stored in the garage they finally sent to the French army in should always be taken from the original Italy, or over the Alps, under their own power, to the army in France.

HIR 'NIGH" REAR FENDER.

Horseman Still Uses His Old Familiar Lingo.

E. B. Gaffney, an old horseman, is the The Liberty roadster donated by the new Bronx manager for the King Eight knew which fender it was. Do you?



This car was especially designed and shields. In this way all the passengers stered in very light material. The whoels built for Howard W. McAteer, president in the rear compartment are completely of the American Export Steel Company, protected against the wind. This car is compartment are completely protected against the wind. This car is completely protected against the wind.

may increase his tire mileage way beyond the manufacturer's guarantee.

"First consider the pressure. The rule is to multiply the small diameter by 18 pounds for the front tires and 20 pounds for the rear tires on heavy care. Using 34x4 inch tires the figures would be 72 pounds and 80 pounds respectively. Do not guess at the pressure—whether the tires gauge and then you may be sure you are right.

"The question arises every summer whether the tires should be slightly defined or not on a hot day. Tire companies recommend no change. If any pressure is lost the tire becomes soft, causing the layers of fabric to work and the fabric and cuts the trees. He careful not to the tires. He careful not to the tires. He careful not to the tires of the use of two tonneau wind vidual design. As you see, it is upnot—whether the tires and 20 by an enamel cloth cover. It is not in use, and so light and hest have a greater chance to harm it. Fold inner tubes chare to barm it. Fold inner tubes chare the tire become and the nor the barm

pressure is lost the tire becomes soft, causing the layers of fabric to work and heat. This weakens the fabric and the heat rots the rubber.

"Here is a list of arch enemies of rubber: Gasolene, kerosene, oil gresse, heat and light. Protect your tires from them at all times. If oil or grease gets on the tires it may be removed with a little gasolene on a cloth. This evaporates immediately and so does no harm. But do not let the tires stand filled. They open as the pressure comes. harm. But do not let the tires stand away. Keep small cuts in the tread filled. They open as the pressure comes are solvents of rubber, as is lubricating oil also, and so rot the tire. Heat has through the tread to the breaker strip. softening effect and light has the same li through the tread to be breaker strip. It then spreads sideways, shaving off the son a car should not be left with the lide of the tread. Take care of these full blaze of the sun heating down on the tires, but should be left in a shaded gaseless. full blaze of the sun beating down on the tires, but should be left in a shaded spot if possible. A tire out of use will harden if long exposed to light, but those on the car are kept flexible by the cause of neglect to fill the small cuts in the tread.

"Make sure that your front wheels "Protect the spare shoe on your car Cross Association.

50 by 75 feet, loaned for the occasion less expense than formerly. By the Yellow Dog organization of the "It is probably conservative to state H. F. Goodrich Company, Akron, Ohio. The flag occupied a place of honor at the head of the Allied Trades, and was carried in a horizontal position by several cars be saved if all motorists will step running their motors when cars are cherried in a horizontal position by seventy men wearing white caps and gloves.

As the flag swung into Fifth avenue a crossing redleeman tossed on a dellar hill, with the result that very soon a total of almost \$1,200 was contributed. A solid gold mesh bag with some \$28 was contributed by a patriotic woman.

The money was turned over to the rubber division and Liberty bonds were purchased. All the bonds, together with the gold mesh bag, were given to the Red Cross Association.

Turning their motors when cars are standing still.

"The proper adjustment of carbureters will make another considerable saving and one almost as great can be made by the careful use of the foot throttle. The driver who is constantly increasing and then throwing off his power undoubtedly makes the most noise, but he does not add to the comfort of his passengers by doing this and he pays a pretty stiff price for his carelesaness when he settles his fuel bill."

GOODRICH FLAG HELPS LOAN.

More Than \$1,200 Tessed on It in fuel and oil prices. Tires have increased in price to some extent, too, many other things required in the operation of a car cost more than formerly, but the cost of carsiessness has been some extent, too, many other things required in the operation of a car cost more than formerly, but the cost of carsiessness has been and is still being materially reduced every day. Most automobiles are operated at less expense than formerly.

Two Power-Rande Elaht

## Ready to

An effortless, light-hearted frolic! That's what the Peerless Eight makes of the ordinary day's work of utility

The soft, casy flow of eighty horsepower makes it a romp.

Would you crawl at a snail's pace be-hind retarded traffic? You may do so wit's utter smoothness.

Does the traffic open up? The advan tage is yours for you have the "pick-up" to leave the cars about you as though they were stalled.

And the limit of speed for the open streets is a romp for your abouty horse-

And you waste not at all. For all this is done in your "loafing"

range of power -on half rations. Many a lesser owered six-even

many a four-would starve on the fuel that carries your Peerless romping through the day's work.

## Ready to

But not every day is a work day. With your Peerless you sacrifice none of the holiday joys-you are equally as ready to race as to romp-you have your "sporting" range.

You may master the road whatever the adverse conditions; you may make Time laugh at Distance.

You have only to open your throttle wider to release her double poppets and utterly change the character of her per-

Gone now the soft flow of eighty horsepower "leafing"-as you reach her "sporting" range there comes a deep growl of brute power, all-conquering.
In her "sporting" range she is as

mighty as she was gentle in her "loafing" range.

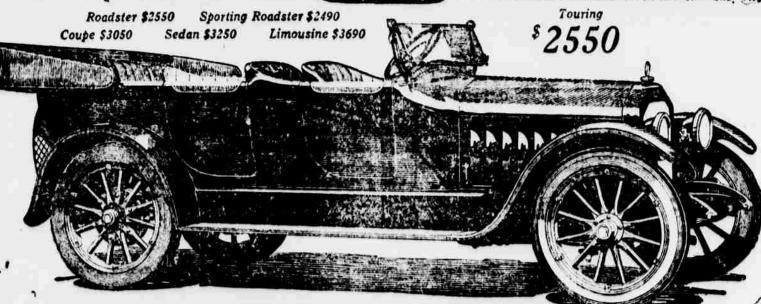
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startling contrasts in performance-and the practical economy gained without









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